

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,030,532 B2  
APPLICATION NO. : 10/821910  
DATED : April 18, 2006  
INVENTOR(S) : Kobayashi et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8 lines 3-6, the formula:

$$R_r = \frac{A \cos \phi + \sqrt{r^2 - A^2 \sin^2 \phi}}{\sqrt{r^2 - A^2 \sin^2 (\theta / N)}} = A \cos (\theta / N) + \dots$$

Should read:

$$-R_r = A \cos \phi + \sqrt{r^2 - A^2 \sin^2 \phi} = A \cos (\theta / N) + \sqrt{r^2 - A^2 \sin^2 (\theta / N)} \dots$$

Column 8, lines 21-23, the formula:

$$\delta = \frac{R_s - A \cos \phi + \sqrt{r^2 - A^2 \sin^2 \phi}}{\sqrt{r^2 - A^2 \sin^2 (\theta / N)}} = R_s - A \cos (\theta / N) + \dots$$


Should read:

$$-\delta = R_s - A \cos \phi + \sqrt{r^2 - A^2 \sin^2 \phi} = R_s - A \cos (\theta / N) + \sqrt{r^2 - A^2 \sin^2 (\theta / N)} \dots$$

Column 8, line 29 (claim 5, line 1), "3" should reads -- 4 --.

Signed and Sealed this

Twenty-eighth Day of November, 2006



JON W. DUDAS  
Director of the United States Patent and Trademark Office